

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**1. CONTRACT ID CODE  
07PAGE OF PAGES  
1 92. AMENDMENT/MODIFICATION NO.  
343. EFFECTIVE DATE  
June 30, 20054. REQUISITION/PURCHASE REQ. NO.  
N/A

5. PROJECT NO. (If applicable)

6. ISSUED BY

CODE

PS22E/MCE

7. ADMINISTERED BY (If other than Item 6)

CODE

PS22E/MCE

Procurement Office  
George C. Marshall Space Flight Center  
National Aeronautics and Space Administration  
Marshall Space Flight Center, AL 35812

Procurement Office/PS22C  
George C. Marshall Space Flight Center  
National Aeronautics and Space Administration  
Marshall Space Flight Center, AL 35812  
Lizette.M.Kummer@NASA.gov/256-544-3457

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)

COLSA Corporation  
6726 Odyssey Drive  
Huntsville, AL 35802  
Attn: Pat Hodges

(N)

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

NNM04AA07C

10B. DATED (SEE ITEM 13)

December 4, 2003

Code 4U825

FACILITY CODE

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

N/A

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

FAR 52.232-22 LIMITATION OF FUNDS

X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  
FAR 43.103(a) & FAR 52.232-2 CHANGES -COST REIMBURSEMENT

D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

	Negotiated Est. Cost	Maximum Award Fee	Unearned Award Fee	Maximum Incentive Fee	Unearned Incentive Fee	Contract Value	Total Sum Allotted
Previous	\$ 65,855,816	\$ 2,650,262	(\$54,563)	\$ 1,427,065	-0-	\$ 69,878,580	\$ 44,110,022
This Mod	(288,755)	(14,828)	-0-	(7,984)	-0-	(311,567)	-0-
New Total	\$ 65,567,061	\$ 2,635,434	(\$54,563)	\$ 1,419,081	-0-	\$ 69,567,013	\$ 44,110,022

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Marty B. Hanson  
Contracting Officer

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

BY Original Signed by

June 30, 2005

(Signature of person authorized to sign)

(Signature of Contracting Officer)

NSN 7540-01-152-8070

30-105

PREVIOUS EDITION UNUSABLE

STANDARD FORM 30 (Rev. 10-83)

Prescribed by GSA

FAR (48 CFR) 53.243

Standard Form 30 Continued

1. The purpose of this modification is to delete the requirement for Phase III-EHS 8x Sustaining under the Enhanced HOSC System Payload Data Services System, Integrated Change Out (EPIC) effort in accordance with the Special Contract Requirement clause found in H. 12 PHASE III- EPIC .

2. A breakout of the negotiated cost and fee adjustments for the deletion of Phase III under the EPIC effort is depicted below:

<u>Basic Period</u>	<u>Est.Cost</u>	<u>Maximum Award</u>	<u>Maximum Incentive</u>	<u>Total Minus Unearned Fees</u>
Previous	\$ 65,855,816	\$ 2,650,262	\$ 1,427,065	\$ 69,878,580
This Mod	<u>(288,755)</u>	<u>(14,828)</u>	<u>(7,984)</u>	<u>(311,567)</u>
New Amt	\$ 65,567,061	\$ 2,635,434	\$ 1,419,081	\$ 69,567,013

<u>Evaluation Period</u>		<u>Maximum Award Fee</u>			<u>Maximum Incentive</u>		
		<u>Previous</u>	<u>This Mod</u>	<u>New Amt</u>	<u>Previous</u>	<u>This Mod</u>	<u>New Amt</u>
01/01/04-06/30/04	1	\$485,012	-0-	\$485,012	\$208,928	-0-	\$208,928
07/01/04-12/01/04	2	\$480,581	-0-	\$480,581	\$269,221	-0-	\$269,221
01/01/05-06/30/05	3	\$429,446	-0-	\$429,446	\$241,686	-0-	\$241,686
07/01/05-12/31/05	4	<u>\$429,446</u>	<u>(\$14,828)</u>	<u>\$414,618</u>	<u>\$241,686</u>	<u>(\$7,984)</u>	<u>\$233,702</u>
01/01/06-06/30/06	5	\$412,889	-0-	\$412,889	\$232,772	-0-	\$232,772
07/01/06-12/31/06	6	\$412,888	-0-	\$412,888	\$232,772	-0-	\$232,772
01/01/07-06/30/07	7	\$411,306	-0-	\$411,306	\$221,473	-0-	\$221,473
07/01/07-12/31/07	8	\$411,307	-0-	\$411,307	\$221,473	-0-	\$221,473
1/01/08-06/30/08	9	\$415,341	-0-	\$415,341	\$223,645	-0-	\$223,645
07/01/08-12/31/08	10	<u>\$415,341</u>	<u>-0-</u>	<u>\$415,341</u>	<u>\$223,645</u>	<u>-0-</u>	<u>\$223,645</u>
		\$4,303,557	(\$14,828)	\$4,288,729	\$2,317,301	(\$7,984)	\$2,309,317

3. To effect this change, clause B.2 Estimated Cost, Award Fee And Performance Incentive Fee, is hereby deleted its entirety and the revised Clause B.2, shown on replacement Pages B-1 through B-2A, is substituted in lieu thereof.

4. Attachment J-1, Performance Work Statement, is hereby revised to delete Phase III from the EPIC effort in WBS Section 3.2.2.3 –KSC Support and Section 4.7.4 KSC Operations and Maintenance Support.

5. To effect this change for WBS Section 3.2.2.3 pages J-1-17 through J-1-18 are hereby deleted in their entirety the replacement pages J-1-17 through J-1-18 are substituted in lieu thereof, and for WBS Section 4.7.4 page 30 is deleted in its entirety and replacement page 30 is substituted in lieu thereof.

6. In order to reflect the changes resulting from this modification, the page(s) listed below are added or deleted from the contract as shown. In order to indicate the specific area(s) of change, vertical lines are shown in the right margin of the enclosed replacement page(s) across from the revised area(s).

<u>Section</u>	<u>Pages Added</u>	<u>Pages Deleted</u>
B, Supplies or Services and Prices/Costs	B-1 - B-2, B-2A and J-1-17 and J-1-18 J-30	B-1 - B-2, B-2A and J-1-17 and J-1-18 and J-30

## **PART I - THE SCHEDULE**

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### **SECTION B - SUPPLIES OR SERVICES AND PRICE/COSTS**

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#### **B.1 Supplies And/Or Services To Be Furnished**

(a) In a manner consistent with the Marshall Space Flight Center (MSFC) values, the Contractor shall provide all resources (except as may be expressly stated in this contract as furnished by the Government) necessary for performing the "Huntsville Operations Support Center (HOSC)" in accordance with the Performance Work Statement, Attachment J-1.

(b) This is a cost-reimbursement contract with both award fee and performance incentive fee criteria (CPAF/IF). The award fee (subjective evaluation) and performance incentive fee (objective evaluation) will be assessed in accordance with the Fee Evaluation Plan (FEP), Attachment J-7.

(c) A portion of this contract is under an Indefinite Delivery/Indefinite Quantity (IDIQ) arrangement, which will also be on a CPAF/IF basis. The purpose of this provision is to allow the Government to acquire indefinite services as addressed in the Performance Work Statement, Attachment J-1, Paragraphs 3.0 and 4.0. IDIQ requirements cannot be adequately defined for inclusion in the contract because the precise quantities that will be required during the contract period of performance cannot be predetermined. IDIQ will be ordered in accordance with Clause B.7- Task Ordering Procedure and Clause B.8- IDIQ Schedule of Rates. The guaranteed minimum quantity of work that will be ordered under the IDIQ portion of this contract shall be \$50,000 per year. The maximum not-to-exceed (NTE) amount of IDIQ work per contract year is \$3,000,000 per contract year.

(End of Clause)

#### **B.2 Estimated Cost, Award Fee And Performance Incentive Fee**

(a) The estimated cost of this contract is \$65,567,061. The maximum award fee is \$2,635,434. The maximum performance incentive fee is \$1,419,081. The estimated cost plus maximum award fee and maximum performance incentive fee minus the unearned award fee and unearned performance incentive fee is \$69,567,013.

(b) A breakout of estimated cost, maximum award fee, unearned award fee, maximum performance incentive fee, unearned performance incentive fee, and the total minus unearned fee for the base contract period is shown below:

<u>Period Covered</u>	<u>Estimated Cost</u>	<u>Maximum Award Fee</u>	<u>Unearned Award Fee</u>	<u>Max. Perf. Incentive Fee</u>	<u>Unearned Performance Incentive Fee</u>	<u>Total Minus Unearned Fees</u>
1/1/04 - 12/31/06	\$65,567,061	\$2,635,434	(\$54,563)	\$1,419,081	\$-0-	\$69,567,013

(c) A breakout of estimated cost, maximum award fee, unearned award fee, maximum performance incentive fee, unearned performance incentive fee, and the total minus unearned fee is shown below for Option 1 and Option 2:

<u>Period Covered</u>	<u>Estimated Cost</u>	<u>Maximum Award Fee</u>	<u>Unearned Award Fee</u>	<u>Max. Perf. Incentive Fee</u>	<u>Unearned Perf. Incentive Fee</u>	<u>Total Minus Unearned Fees</u>
Option 1 (1/1/07 – 12/31/07)	\$20,583,297	\$822,613	TBD	\$442,946	TBD	\$21,848,856
Option 2 (1/1/08 – 12/31/08)	\$20,740,412	\$830,682	TBD	\$447,290	TBD	\$22,018,384

(d) The maximum award fee and maximum performance incentive fee for each of the contract periods specified above is hereby divided and allocated into individual six month evaluation periods during contract performance in order to calculate award and performance incentive fee earned.

<u>Evaluation Period</u>		<u>Maximum Award Fee</u>		<u>Maximum Incentive Fee</u>
January 1 - June 30, 2004	1	\$485,012	1	\$208,928
July 1 - December 31, 2004	2	\$480,581	2	\$269,221
January 1 - June 30, 2005	3	\$429,446	3	\$241,686
July 1 - December 31 2005	4	\$414,618	4	\$233,702
January 1 - June 30, 2006	5	\$412,889	5	\$232,772
July 1- December 31, 2006	6	\$412,888	6	\$233,702
January 1- June 30, 2007	7	\$411,306	7	\$221,473
July 1 - December 31, 2007	8	\$411,307	8	\$221,473
January 1- June 30, 2008	9	\$415,341	9	\$223,645
July 1 - December 31, 2008	10	\$415,341	10	\$223,645
		<u>\$4,288,729</u>		<u>\$2,309,317</u>

(e) The amount of award fee which has been earned/unearned pursuant to this clause and the period to which said fee applies is set forth below:

<u>Award Fee Period</u>	<u>Amount Earned</u>	<u>Amount Unearned</u>
January 1 - June 30, 2004	\$ 456,881	\$ 28,131
July 1 - December 31, 2004	<u>\$ 454,149</u>	<u>\$ 26,432</u>
Total	\$ 911,030	\$54,563

(f) The amount of performance incentive fee which has been earned/unearned pursuant to this clause and the period to which said fee applies is set forth below:

<u>Incentive Fee Period</u>	<u>Amount Earned</u>	<u>Amount Unearned</u>
January 1 - June 30, 2004	\$ 208,928	\$-0-
July 1 - December 31, 2004	<u>\$ 269,221</u>	<u>\$-0-</u>
Total	\$ 478,149	\$-0-

(End of Clause)

**B.3 Award Fee For Service Contracts (NFS 1852.216-76)(June 2000)**

The KSC PTCS is in the process of migrating from a locally managed set of SGI and SUN servers and workstations running the EHS 8.X series software to a remote set of MSFC managed Linux Servers and KSC locally managed set of Windows based EPC clients.

The contractor shall perform System Engineering (PWS 3.1.1), Software Engineering (PWS 3.1.2), Hardware Engineering (PWS 3.1.3), and Network Engineering (PWS 3.1.4) in support of the KSC PTCS.

The contractor shall only provide configuration, management, and security (patches, security plans) for all HOSC PTCS systems and KSC PTCS Functional Distributed Processors (FDP).

The contractor shall provide POC databases (telemetry and command) compatible with MSFC EHS/PDSS software in support of KSC pre-support integration testing.

The contractor shall perform engineering services to the PTCS operations facility and systems listed in the following three phases;

#### Phase 1 Development Integration and Checkout

The contractor shall assist in the design, procurement, and installation of the FDP and network interfaces between the MSFC HOSC and KSC PTCS.

The contractor shall provide all updates (software, firmware, configurations) to the FDPs located at the KSC PTCS.

The contractor shall provide the design, procurement, installation of the EHS/PDSS systems located in the MSFC HOSC in support of the KSC PTCS.

#### Phase 2 Sustaining Engineering for EPIC

The contractor shall be responsible for all updates (software, firmware, configurations) to the FDPs located at the KSC PTCS.

The contractor shall provide Payload Data Services System (PDSS) and Enhanced HOSC System (EHS) application software products installed on the local HOSC systems in support of the PTCS.

#### Phase 3 EHS Build 8.x Series Software and Maintenance

Deleted 06/30/05

### 3.2.3 Payload Data Services System (PDSS)

The services described under this paragraph are specific to the Payload Data Services System (PDSS).

#### 3.2.3.1 PDSS Server Consolidation

The contractor shall perform and complete software and hardware design, development, and testing of PDSS applications associated with the PDSS Server consolidation cost savings initiative activities, which will be in progress when the contract takes effect. Development shall be in accordance with the requirements documented in MSFC-PLAN-904, HOSC Functional Requirements and Implementation Plan, MSFC-SPEC-2123, PDSS Development Specification, and MSFC-SPEC-2262, PDSS to EHS Interface Requirements Specification.

#### 3.2.3.2 PDSS Sustaining Engineering

The contractor shall perform sustaining engineering for the PDSS, including the upgrades defined in paragraph 3.2.3.1, in accordance with the requirements documented in MSFC-PLAN-904, HOSC Functional Requirements and Implementation Plan, MSFC-SPEC-2123, PDSS Development Specification, and MSFC-SPEC-2262, PDSS to EHS Interface Requirements Specification.

### 3.2.4 Payload Planning System (PPS)

The services described under this paragraph are specific to the Payload Planning System (PPS).

#### 3.2.4.1 PPS Re-Engineering Initiative



Phase 2 Sustaining EPIC Support

The contractor shall provide the KSC PTCS with the suite of all HOSC basic services to support PTCS Payload Integration testing. The contractor shall maintain these services in accordance with an agreed to Memorandum of Understanding between KSC and MSFC. Date and Reference numbers TBD. . The contractor shall provide complete support for each PTCS Payload Integration support activity in accordance with a flight/mission specific HOSC Mission Configuration Supplement (HMCS).

Per PWS paragraph 4.4, HOSC Mission Services, the contractor shall provide voice, video, and data processing services in support of KSC PTCS payload integration testing on as-scheduled basis.

The contractor shall provide technical support to address critical problems encountered during test execution. The contractor shall provide support on an as-scheduled basis for pre-support checkout and certification.

The contractor shall provide support to configure and maintain remotely the Functional Distributed Processor (FDP) and network interfaces between the MSFC HOSC and KSC PTCS.

The contractor shall update, configure, and maintain the software and associated configurations on the EHS/PDSS systems located in the MSFC HOSC in support of the KSC PTCS.

The contractor shall support database changes and reconfigurations during payload testing at KSC PTCS.

Phase 3 EHS Build 8.x Series Software and Maintenance

Deleted 06/30/05